EasyServer
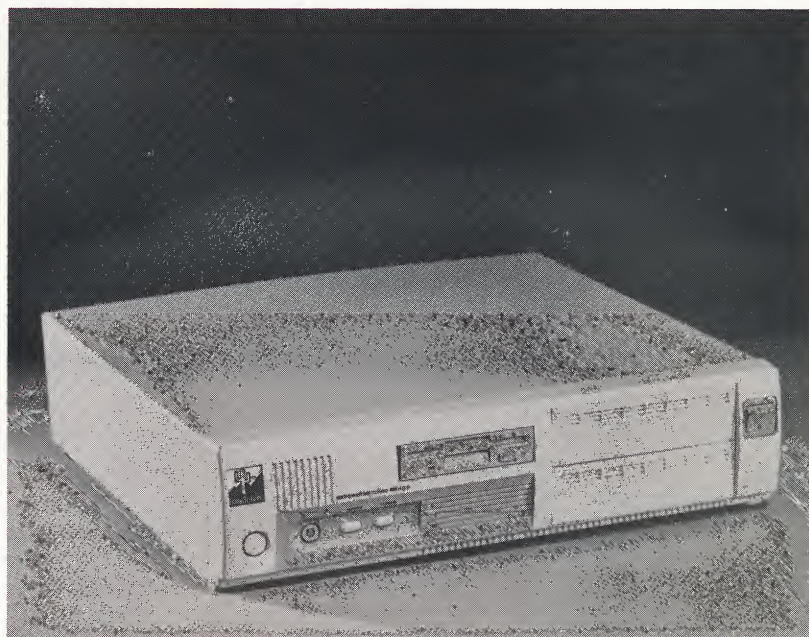
- **Easy installation. Connect to your network, attach your disk, turn on power and you're up.**

- **Dedicated file server maximizes data throuhput for fast file access. Ideal for multiuser database applications.**

- **Uses any Macintosh formatted disk, CD-ROM, cartridge disk, etc.**

- **Administrate from any Macintosh on your network**

- **LocalTalk or Ethernet (thick, thin, or twisted pair) network interfaces**

- **Three models to choose from -**
  - **Sidewinder - for small or lightly used networks**
  - **Cobra - for average size networks**
  - **Viper - for large or heavily used networks**

EasyServer file servers set a new price/performance standard in the file server marketplace. Whether you have a large or small network, use Ethernet or LocalTalk, SPS has an EasyServer designed for your network needs.

EasyServer continues SPS's emphasis on ease of use. Being 100% AppleShare/AFP compatible, any Macintosh can access and mount volumes through the familiar Chooser interface. Administration is peformed from any Macintosh computer on your network. And, because EasyServer reads and writes Macintosh formatted external disks, disk maintenance is accomplished with standard Macintosh disk utility programs.

PERFORMANCE

EasyServer achieves its high level of performance by devoting all of its processor power to maintaining the file system and servicing AppleShare network requests. A high speed implementation of the Desktop data base ensures fast access to file and application icons. For LocalTalk configurations a separate I/O processor unburdens the main processor by performing the transmission and reception of LocalTalk packets. In the Cobra and Viper models an intelligent high speed SCSI disk controller offloads the bulk of the disk I/O operations to realize maximum disk performance.

APPLESHARE COMPATIBILITY

From any workstation, a user opens the Chooser desk accessory to mount a volume connected to EasyServer. EasyServer supports applications such as multi-user databases, requiring file sharing, byte range locking, and read/write deny modes.
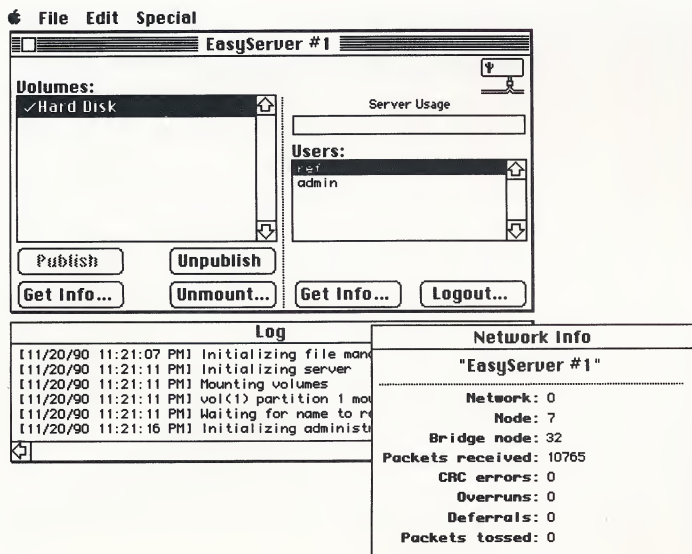
EASY ADMINISTRATION

EasyServers are administered across the network from any Macintosh with the EasyServer Administrator application. You first select the EasyServer file server you want to administer. This server may be on your attached network or in another zone. Ethernet based EasyServers can even be administered from Macintoshes connected to LocalTalk networks.

To prevent unauthorized access to the server, the administrator login is password protected. Once connected to an EasyServer, the main window appears. This window shows the attached disk drives, the logged in users, and the amount of server activity.

In addition, the administrator is able to:

- View network statistics
- View, print or save the error log
- Shutdown or restart the server
- Publish or unpublish a volume
- Change a volume password
- Set the server clock

🍎 File Edit Special

```
═══════════════ EasyServer #1 ═══════════════
Volumes:                          Server Usage
✓Hard Disk                ⇧
                                  Users:
                                  ref          ⇧
                                  admin
                          ⇩                    ⇩
[ Publish ]    [ Unpublish ]
[ Get Info... ] [ Unmount... ] [ Get Info... ] [ Logout... ]

═══════════ Log ═══════════   ═══ Network Info ═══
[11/20/90 11:21:07 PM] Initializing file man    "EasyServer #1"
[11/20/90 11:21:11 PM] Initializing server
[11/20/90 11:21:11 PM] Mounting volumes              Network: 0
[11/20/90 11:21:11 PM] vol(1) partition 1 mo            Node: 7
[11/20/90 11:21:11 PM] Waiting for name to r     Bridge node: 32
[11/20/90 11:21:16 PM] Initializing administr  Packets received: 10765
                                                 CRC errors: 0
                                                   Overruns: 0
                                                  Deferrals: 0
                                              Packets tossed: 0
```
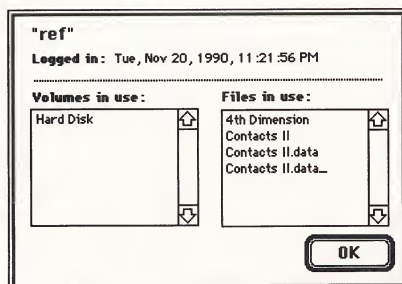
MACINTOSH DISK COMPATIBILITY

Because EasyServer has no internal disks, it can be thought of as a file server engine. You can attach up to six external Macintosh formatted disks to the server and publish up to ten Macintosh partitions. No special disk preparation or

```
┌─────────────────────────────────────┐
│ "Hard Disk"                          │
│    Kind:  HFS Disk                   │
│    Size:  37 Meg total, 0 Meg used, 36 Meg free │
│   Where:  SCSI ID 4, partition #1    │
│ ········································· │
│ Publish As:  Hard Disk               │
│ Password: [          ]               │
│ ☒ Publish At Restart  ☐ Locked       │
│              [ Cancel ]  [ OK ]      │
└─────────────────────────────────────┘
```

The administrator can also choose to view individual volume information,

or individual user information.

```
┌─────────────────────────────────────┐
│ "ref"                                │
│ Logged in:  Tue, Nov 20, 1990, 11:21:56 PM │
│ ········································· │
│ Volumes in use:    Files in use:     │
│ Hard Disk      ⇧   4th Dimension  ⇧  │
│                    Contacts II       │
│                    Contacts II.data  │
│                    Contacts II.data_ │
│                ⇩                  ⇩   │
│                          [ OK ]      │
└─────────────────────────────────────┘
```

learning new operating systems is required.

Just disconnect your drive from your Macintosh, connect it to EasyServer, and all of your files and folders immediately become available on the network. CD-ROMs and cartridge drives may also be attached with the ability to change cartridges through the use of the administrator.

Disk drives can be removed from the server and connected back to any Macintosh computer without any loss of data. Popular disk utilities, such as disk repair and speed optimization programs, can also be used on these disks.

MODELS

EasyServer comes in three models. Each model may be ordered with a LocalTalk, thin Ethernet, or thick Ethernet network connection.
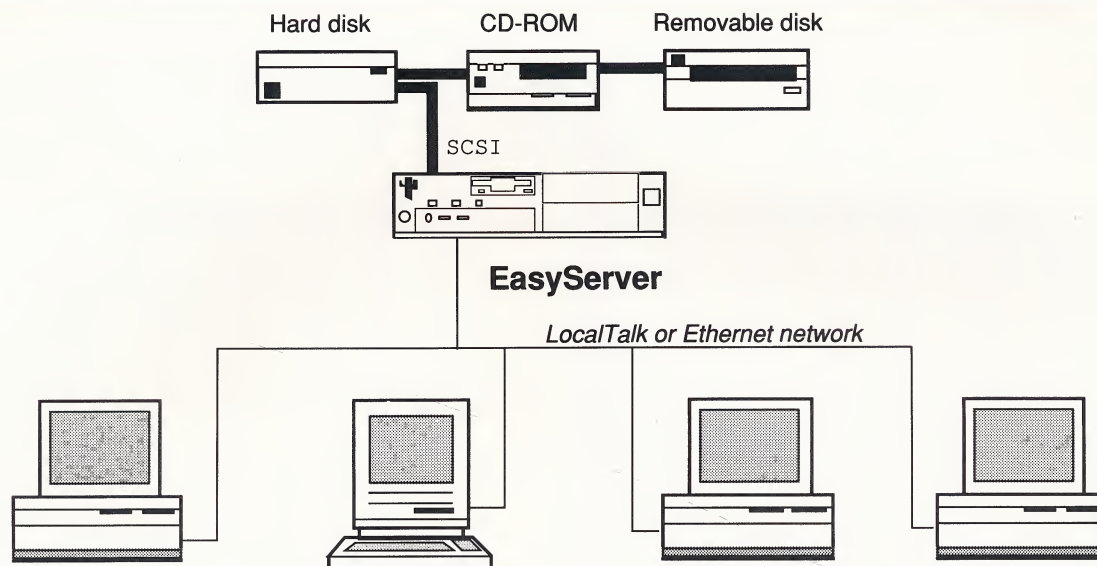
Sidewinder

Designed for small (up to 25 users, light traffic) LocalTalk or Ethernet networks, this model has the power of a Mac IIci based file server.

Cobra

Designed for loaded (up to 50 users, medium traffic) LocalTalk or moderate to heavily used Ethernet networks, this model has the power of a Mac IIfx based file server.

Viper

Designed for heavily used (up to 50 users, heavy traffic) LocalTalk or Ethernet network, this model is faster than any Macintosh based file server.

Hard disk   CD-ROM   Removable disk

SCSI

EasyServer

LocalTalk or Ethernet network

CONNECTING EASYSERVER TO YOUR NETWORK

Connecting EasyServer to your network is simple. In the rear of the EasyServer unit are two connecters - one for your network (either a LocalTalk connector or a Ethernet connector) and one for your SCSI disk drives. Up to 7 SCSI disk drives can be chained together like any standard SCSI drive.

Since EasyServer reads and writes Macintosh formatted disks, any SCSI drive that can be connected to your Macintosh (hard disk drives, CD-ROM drives, or removable cartridge disk drives) can be connected to EasyServer.

Insert the EasyServer software into the floppy disk drive on the EasyServer box, turn on the power, all of the disk drives connected to EasyServer are now available on the network. It's that simple.

TECHNICAL SPECIFICATIONS

Maximum number of logged in users:
25 users (Sidewinder)
50 users (Cobra or Viper)

Maximum disks:
7 SCSI drives

Maximum volumes:
10

Maximum byte range locks:
300

Maximum number of open files:
175 total, 15 per user (Sidewinder)
230 total, 15 per user (Cobra or Viper)

Processor:
Sidewinder   -   16 MHz 286
Cobra   -   25 MHz 386, 64K instruction cache
Viper   -   33 MHz 386, 64K instruction cache

Memory:
1 megabyte

Network interface options:
LocalTalk   (DB-9 connector)

Ethernet   (IEEE 802.3, Ethertalk Phase II)
Thin   (BNC connector)
Thick   (DB-15 connector)
Twisted pair

Token ring   (IEEE 802.5)
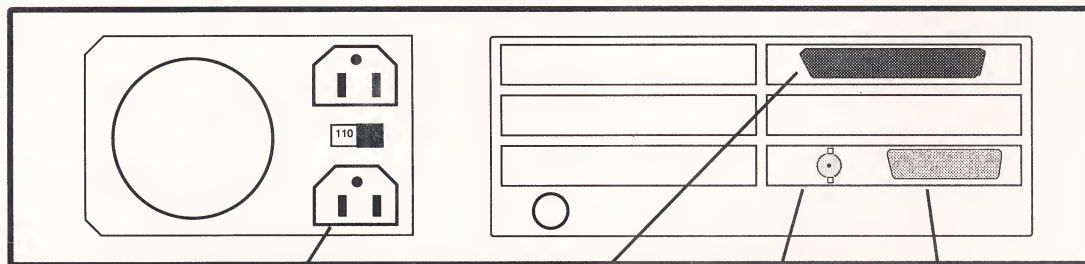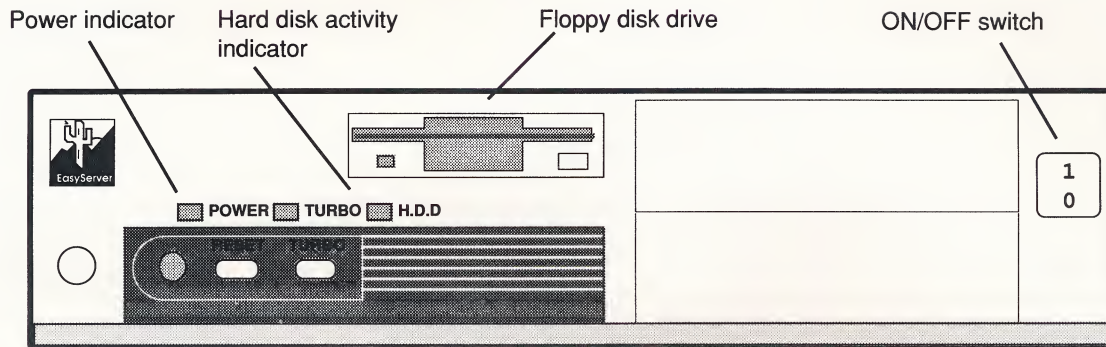
Disk interface:
SCSI (50 pin Centronics connector)

Dimensions:
Height :   4.8 in (12.3 cm)
Width: 17.5 in (44.9 cm)
Depth: 15.5 in (39.7 cm)
Weight: 15 lbs (6.8 kg)
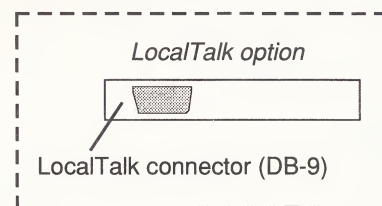
Line voltage:
Switchable 110/220 volts AC, 50-60 Hz, 200 Watts
Safety Standards: CSA, UL, TUV approved

FRONT PANEL

Power indicator   Hard disk activity indicator   Floppy disk drive   ON/OFF switch

EasyServer

POWER   TURBO   H.D.D

1
0

Power connector

SCSI Hard disk connector (50 pin Centronics)

Thin Ethernet connector (BNC)

Thick Ethernet connector (DB-15)

REAR PANEL

LocalTalk option

LocalTalk connector (DB-9)

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